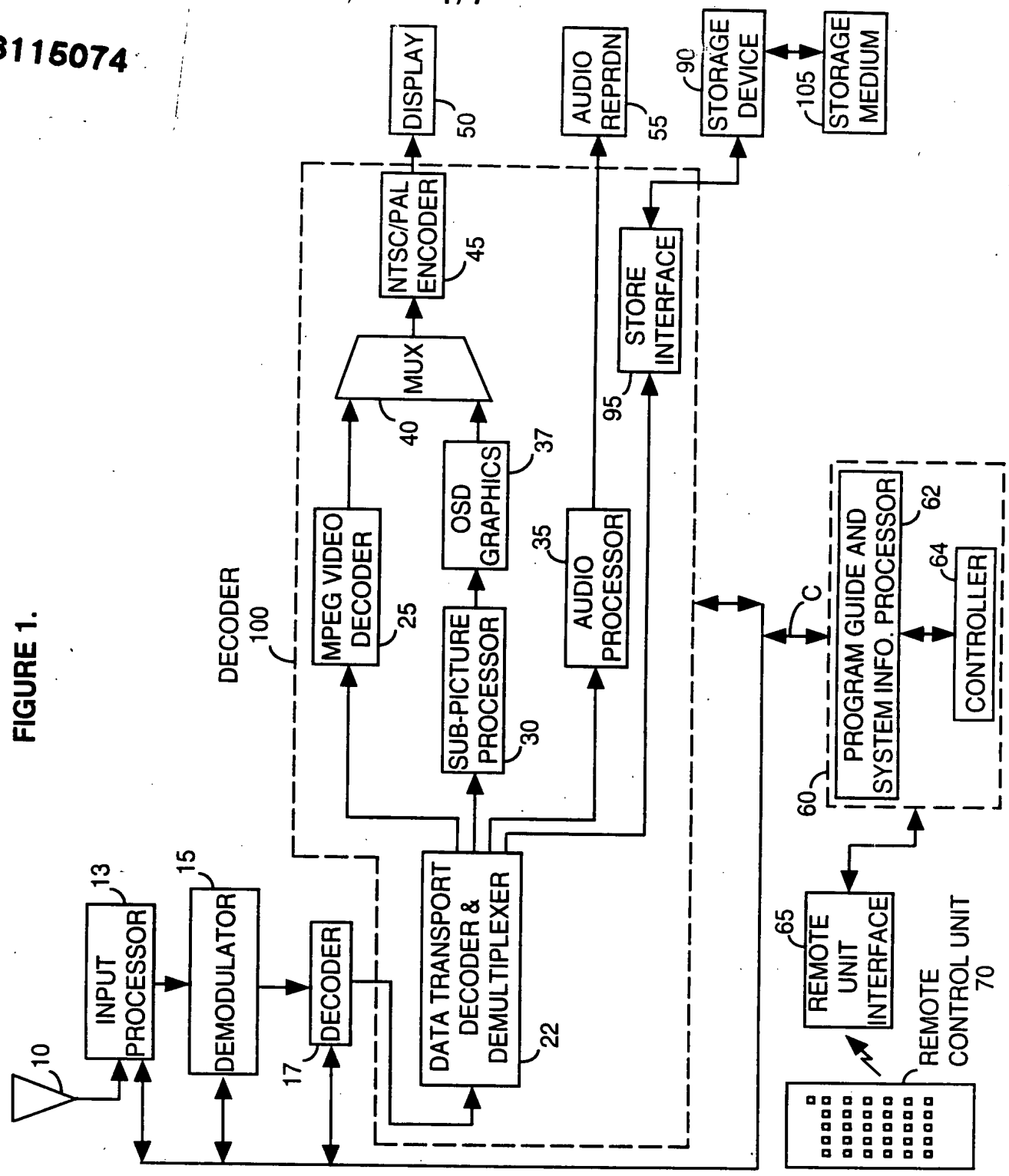


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FIGURE 1.



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# Bit Stream Syntax for the Master Guide Table

Syntax	Bits	Format
master_guide_table_section () {		
table_id	8	0xE0
section_syntax_indicator	1	'1'
private_indicator	1	'1'
reserved	2	'11'
private_section_length	12	uimsbf
table_id_extension	16	0x0000
reserved	2	'11'
version_number	5	uimsbf
current_next_indicator	1	'1'
section_number	8	0x00
last_section_number	8	0x00
reserved	3	'111'
CRT_version_number	5	uimsbf
zero	4	'0000'
num_pg	4	uimsbf
for (i=0;i< num_pg;i++) PG(i) {		
application_time	40	uimsbf
duration	16	uimsbf
reserved	2	'11'
CIT_flag	1	blsbf
num_bytes	21	uimsbf
reserved	3	'111'
PID_PG [i]	13	uimsbf
reserved	3	'111'
PID_ETT [i]	13	uimsbf
reserved	4	uimsbf
PG_descriptors_length	12	uimsbf
for(j = 0;i< M;j++)		
descriptor ()	var	
}		
reserved	4	uimsbf
descriptors_length	12	uimsbf
for (i = 0;i< N;j++)		
descriptor ()	var	
CRC_32	32	rpchof
}		

FIGURE 2

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Bit Stream Syntax for the Channel Information Table

Syntax	Bits	Format
channel_guide_table_section () {		
table_id	8	0xE3
section_syntax_indicator	1	'1'
private_indicator	1	'1'
reserved	2	'11'
section_length	12	uimbsf
table_id_extension	16	uimbsf
reserved	2	'11'
version_number	5	uimbsf
current_next_indicator	1	'1'
section_number	8	uimbsf
last_section_number	8	uimbsf
num_channels_in_section	8	uimbsf
for (k=0; k<num_channels_in_section;k ++){		
short_name	8*6	ISO-639
channel_visibility	32	bslbf
bundle_channel_number{		
bundle_number	12	uimbsf
channel_number_in_bundle	12	uimbsf
}		
Channel_PTC	8	uimbsf
channel_id	16	uimbsf
channel_type	8	uimbsf
reserved	3	'111'
ETM_flag	1	bslbf
descriptors_length	12	uimbsf
for (i=0;i<N;i++){		
descriptors()		
}		
}		
CRC_32	32	rpchof
}		

FIGURE 3



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# Bit Stream Syntax for the Service Location Descriptor

Syntax	Bits	Format
extended_text_table_section () {		
table_id	8	0xE5
section_syntax_indicator	1	'0'
private_indicator	1	'1'
reserved	2	'11'
510   private_section_length	12	uimsbf
ETM_id	32	bslbf
505   extended_text_message ()	var	
}		

FIGURE 5

Bit	1	2	3	18	19	32
610 channel ETM_id	0	0	channel_id	111.....111		
605 event ETM_id	1	0	channel_id	event_id		

FIGURE 6

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Bit Stream Syntax for the Service Location Descriptor

Syntax	Bits	Format
multiple_compressed_strings () { number_strings for (i = 0; i < number_strings; i++) { number_bytes ISO_639_language_code coding_indicator compression_type for (j = 0; j < number_bytes; j++) compressed_string_byte [j] } }	8  16 8*3 8 8 8	uimsbf  uimsbf uimsbf bslbf uimsbf uimsbf

FIGURE 7

compression_type	compression method
0x00	No compression
0x01	Huffman coding based on the default Huffman table
0x02	LZW
0x03 to 0xAF	reserved
0xB0 to 0xFF	user private

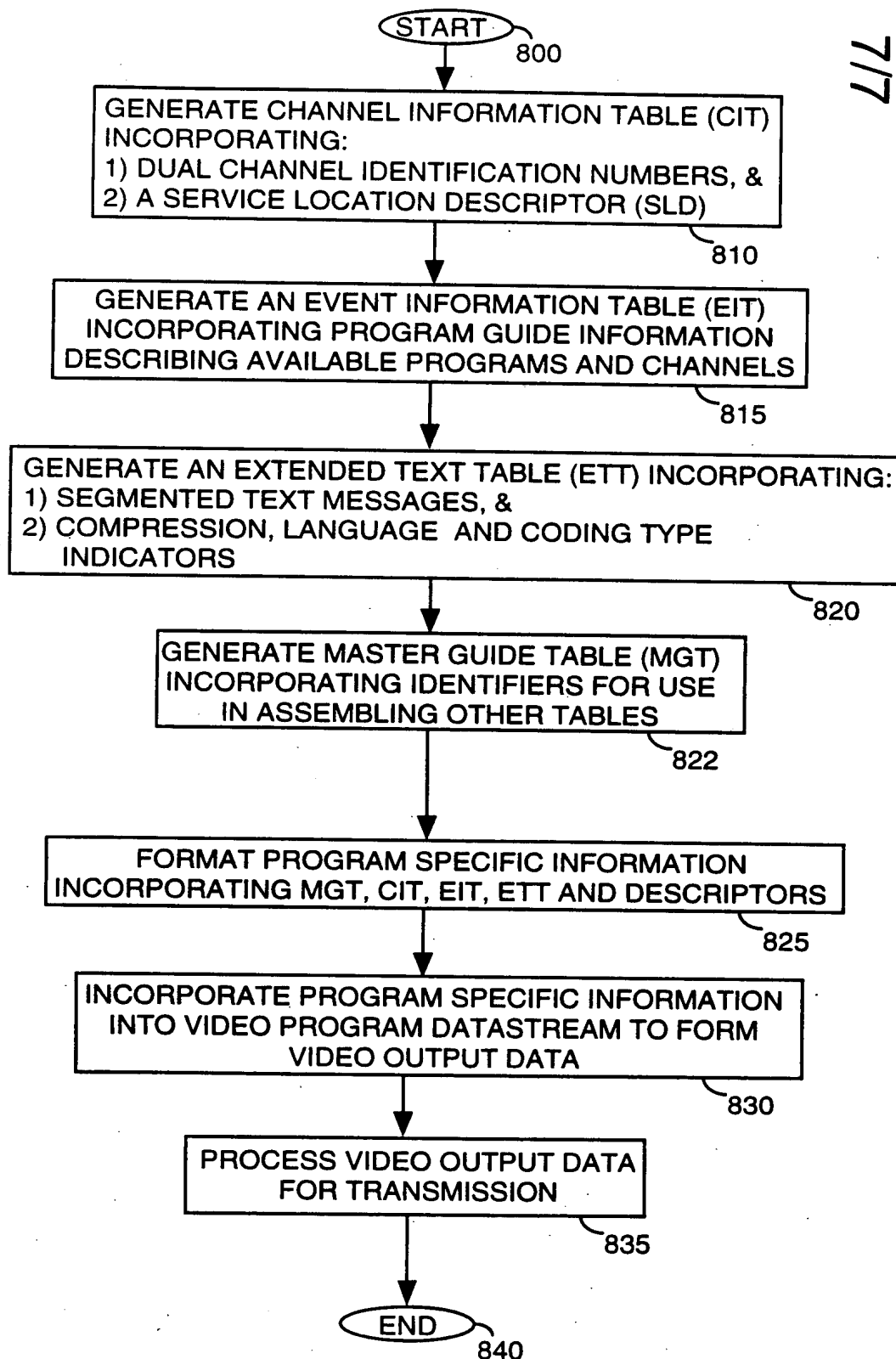
FIGURE 8

coding_indicator	coding method
0x00	Unicode
0x01	Latin-1
0x02	Latin-2
0x03 to 0xAF	reserved
0xB0 to 0xFF	user private

FIGURE 9

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FIGURE 10



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